

U.S. National Stage of PCT/EP2004/003407

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 12 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract

[[The]] A pressure pickup ~~1 of the invention~~ includes a pressure measuring cell [[18]] and a platform [[10]] through which a pressure canal [[11]] equipped with a flame penetration barrier extends. The pressure measuring cell [[18]] is loadable with the process pressure through the pressure canal by means of a transmitting medium. The pressure canal includes a first section [[13]] and a second section [[12]], with the flame penetration barrier being arranged in [[the]] a first section [[13]], and [[the]] a second section [[12]] has a bore, in which a fill-body [[16]] is arranged. The gap between the bore and the fill-body is manufactured with greater tolerances, so that it does not fulfill the requirements for a flame penetration barrier. The flame penetration barrier is realized in the first section [[13]], for example, by providing in the first section a bore, in which a fill-pin [[14]] is arranged, with the remaining gap between the bore and the fill-pin satisfying the requirements for a flame penetration barrier.

[[Fig. 1]]